AMENDMENTs to the specification

Please insert the following replacement paragraph at line 1 on page 14 of the Patent Application:

After reconstructing the encrypted data, the modem driver 240 decrypts the encrypted data using the industry standard decryption techniques defined by the GSM standards to generate decrypted data. The modem driver 240 decodes the decrypted data and extracts control codes and/or user data. The modem driver determines an authentication code based on the control codes after they are extracted. For example, the block of decrypted data includes the control codes that need to be sent to the PHY hardware 220. The modem driver 240 extract the control codes and encode them to generate an authentication code. The specific construct of the authentication code may vary. For example, the authentication code may be a mathematical combination of the control code values or a binary manipulation of the bits making up the values (*i.e.*, similar to a checksum). Alternatively, the modem driver 240 may encrypt the control codes based on a secret key provided by the vendor and stored in a secure location (*e.g.*, in the system BIOS 170 or in a secure storage device on the ACR card 215). After determining and storing the authentication code, the modem driver 240 store the extracted control codes for transfer to the PHY hardware 220.